

VoIP Enabler Gateways

HG-4000 series



- All in one telephony platform
- PBX's connectivity for VoIP, Cellular and Fixed networks
- Fast return on investment (ROI)
- Optimal solution from medium to large enterprises

Overview

The HyperGateway family of scalable platforms empowers flexible and cost-effective telephony over wireline, cellular and IP networks. Optimized for medium-to-large enterprises and alternative service providers, HyperGateway systems provide integrated voice communications for both onsite and remote users

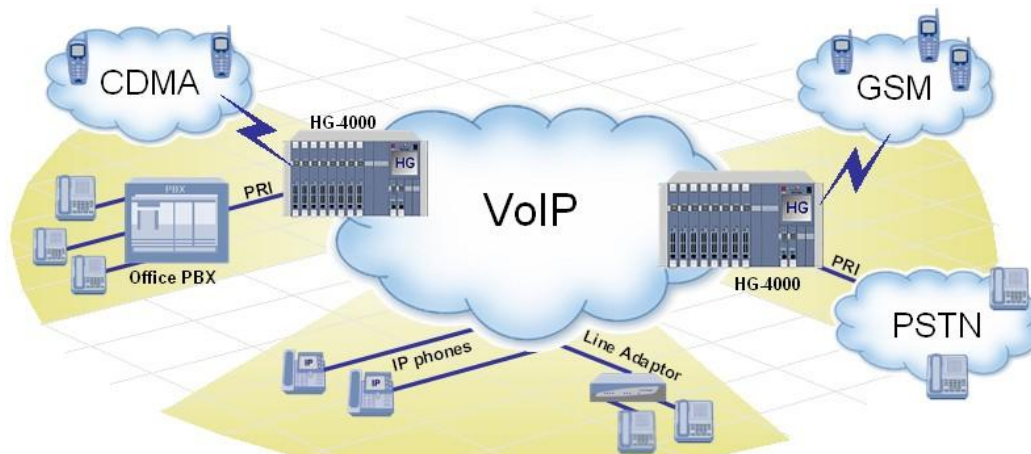
HG-4000 series

The HG-4000 series Series of VoIP Enabler Gateways provides superior voice technology for connecting legacy PBX systems with VoIP networks, and new IP-based systems with both GSM and CDMA networks. The HG-4000 Series enables inbound and outbound for both GSM, CDMA and PSTN calls and optional support of VoIP calls – all in one compact box. Given the systems' flexibility, modularity and scalability, the gateways can be pre-configured to meet precise customer requirements. Companies can easily expand the cost-effective systems to meet their evolving telephony needs over time.



The HG-4000 Series supports the HyperSaving Package – a corporate communications add-on that minimizes expenses of local, national and international calls. HyperSaving Package includes any combination of Corporate Callback, Corporate Callorder and Corporate Callthrough services that improve the organization's bottom line.

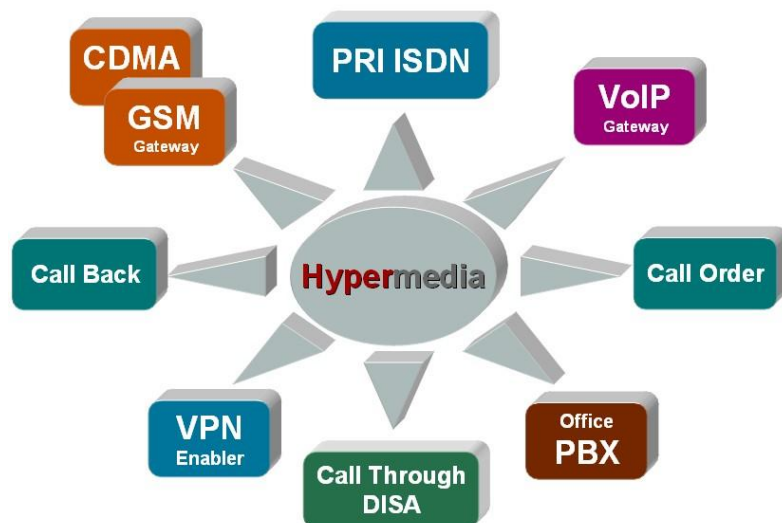
Features	Benefits
PBX VoIP enablers	Connecting legacy PBX and new IP-based systems.
VoIP/Cellular gateways	PBX inbound and outbound calls into and from Cellular.
Organization branches connectivity	Telephony resource sharing
PBX connectivity	Teleworker PBX extension over IP
HyperSaving Package	Minimizes expenses of local, national and international calls



HyperGateway system specifications:

Interfaces/Protocols	
PRI:	DSS1 (Q.931, national variants), SS7-ISUP optional (Q.767), QSIG-BC, E1/T1, TE/NT, CRC4/double frame
BRI:	Optional
GSM:	Ericsson GM47/48, dual band (900/1800 or 900/1900 MHz), One antenna per four channels
CDMA:	Motorola C18
TDMA:	Supported
IP/Ethernet:	10/100 Base-T, RJ-45
Voice over IP	
Voice Compression:	GSM, G.723.1 (MP-MLQ), G.729a (CSA-Celp), G.711 (PCM)
Fax Support:	Group 3, T38 compliant
Echo Cancellation:	G.168
Signaling:	H323 (Q931, H245, RAS & RTP/RTCP), SIP (optional), QoS (RSVP, DiffServ)
Call Setup:	Either integrated or on external server
Management & Control	
Web-Based Management:	Hardware configuration, online port status and call statistics
Antennas (Optional)	
YAGI:	13dB, high-quality, high-gain directional outdoor antenna with scalable cable from 10-30 m
Omni-directional:	3dB, indoor antenna with 3 m cable
General	
Dimensions:	482 x 266 x 280 mm (84HP x 6U x 280 mm)
Weight:	Minimum 7kg (based on the system configuration)
Housing:	19" rack-mountable
Power:	Max 230VA, 100-240VAC
Certification:	CE
Environmental	
Temperature:	+5°C to +45°C
Humidity:	5% to 95% (non-condensing)

Note: technical data is subject to change without prior notice.




Hypermedia
Systems Ltd.

www.hyperms.com

info@hyperms.com

10 Hamelacha St.,

Lod, 71520, Israel

Tel: +972-8-9215001

Fax: +972-8-9212835